

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/AU2004/000987

## A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl. ? : G11B 7/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

DWPI, USPTO, ESPACE, IEEE XPLORER, GOOGLE (sampling, function, grating, storage, hologram, code)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,A	US 6654521 B2 (SHENG et al.) 25 November 2003 Abstract, column 3 lines 25-34, column 15 lines 5-28, claims	1
A Y	US 6549664 (DAIBER et al.) 15 April 2003 Abstract Figures, Claims	1 13,23,26
A	BURYAK et al. "Optimization of Refractive Index Sampling for Multichannel Fiber Bragg Gratings" IEEE Journal of Quantum Electronics, Vol. 39, No. 1 January 2003 Whole document	1-33
A	WO 2002/075408 A1 (REDFERN OPTICAL COMPONENTS PTY. LTD) 26 September 2002, Abstract	1-33

Further documents are listed in the continuation of Box C

See patent family annex

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search  
14 October 2004

Date of mailing of the international search report  
21 OCT 2004

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2002/0015376 A1 (LIU et al.) 7 February, 2002 Page 2 sections [0015],[0016], claim 1	1
X	WO 1999/039338 A1 (SIROS TECHNOLOGIES, INC.) 5 August 1999 Abstract, figures, claims	13,17,18
Y	Whole document	23,26
X	US 5659536 A (MAILLOT et al.) 19 August 1997 Abstract, figures, claims	13,23,26

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International application No.

**PCT/AU2004/000987**

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report				Patent Family Member			
US	6654521	CA	2461527	US	2003138206	WO	03062880
US	6549664	US	6064586				
WO	02075408	EP	1377856	US	2004146244		
US	2002015376	US	6272095				
WO	9939338	AU	23468/99	US	6020985		
US	5659536	CA	2041618	EP	0455539	FR	2661769
		HK	15097	JP	4228113		

Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.

**END OF ANNEX**